

1

pAN sCos1
11611 bp

Restriction sites and features (clockwise from top):

- trpC term (19-792 bp)
- HindIII (1)
- AvrII (11596)
- NruI (10792)
- BstXI (9739)
- XbaI (9409)
- BstXI (8657)
- NotI (8295)
- BamHI (8269)
- NotI (8245)
- PvuI (7615)
- SmaI (4996)
- NruI (5012)
- BglII (3993)
- XhoI (3437)
- XhoI (3055)
- gpdA promoter (1834-3993 bp)
- SacI (2882)
- SacI (2719)
- AvrII (2413)
- SmaI (2187)
- DraIII (1554)
- PvuI (1477)
- NdeI (1387)
- hph (814-1833 bp)
- DraIII (1261)

Fig. 2: Vector pBinAHyg

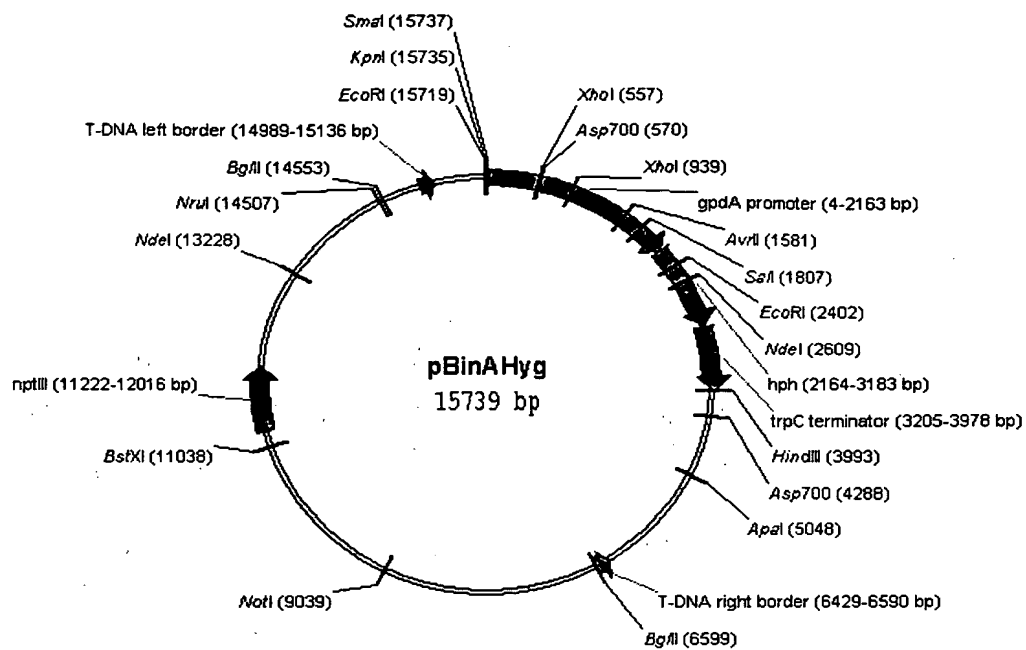


Fig. 3: Gel of the result of a PCR³

Lane:

1 2 3 4 5 6 7 8 9

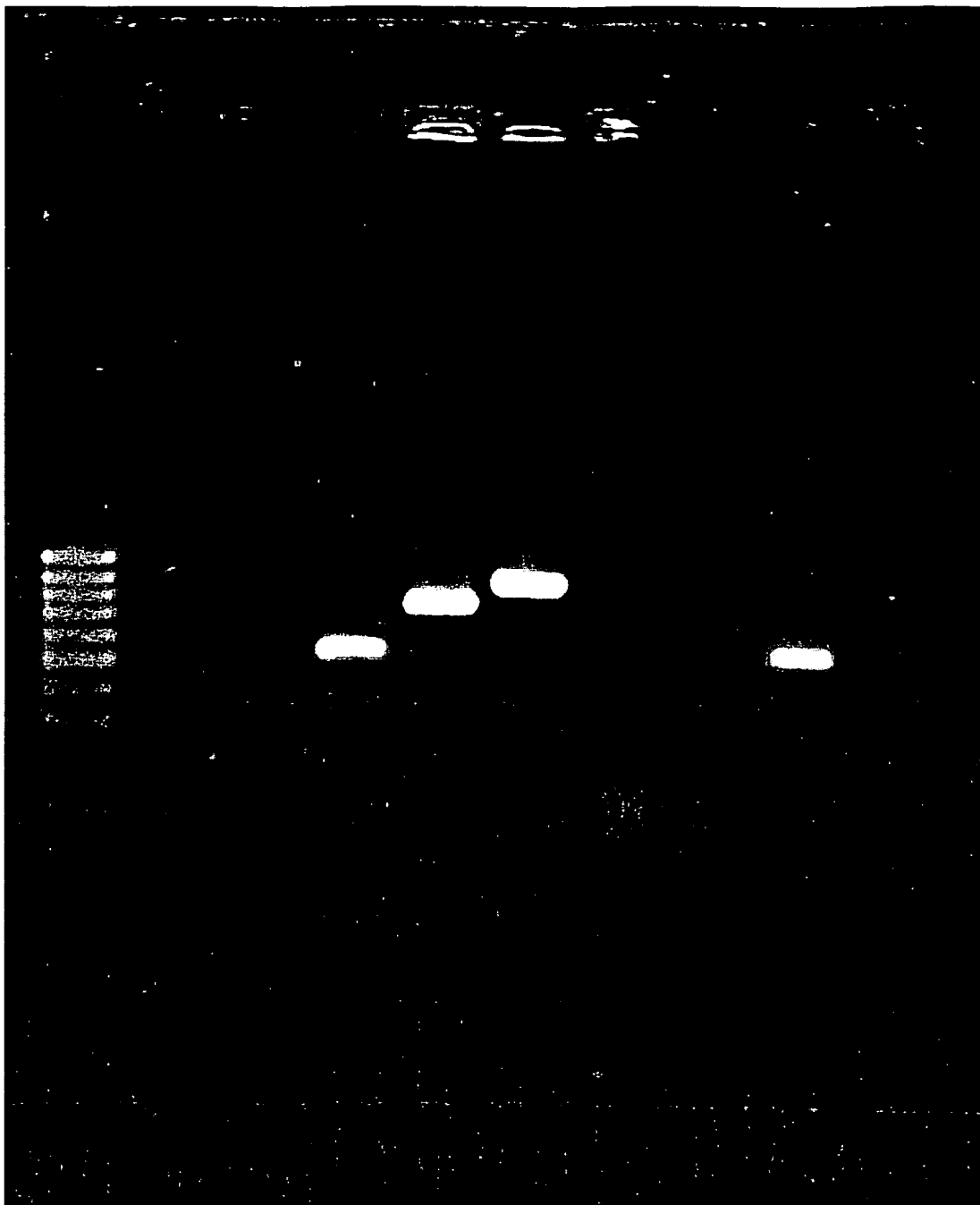


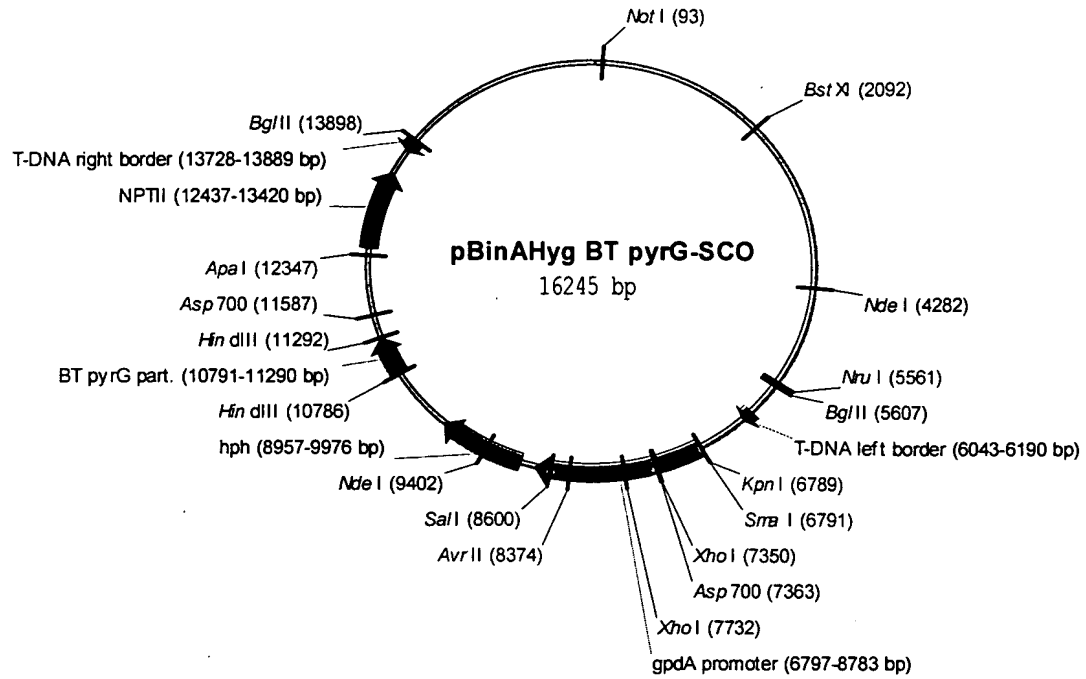
Fig. 4: Plasmid pBinAHygBTpyrG-SCO

Fig. 5: Plasmid pBinAHygBTpTEF1-HPcrtZ

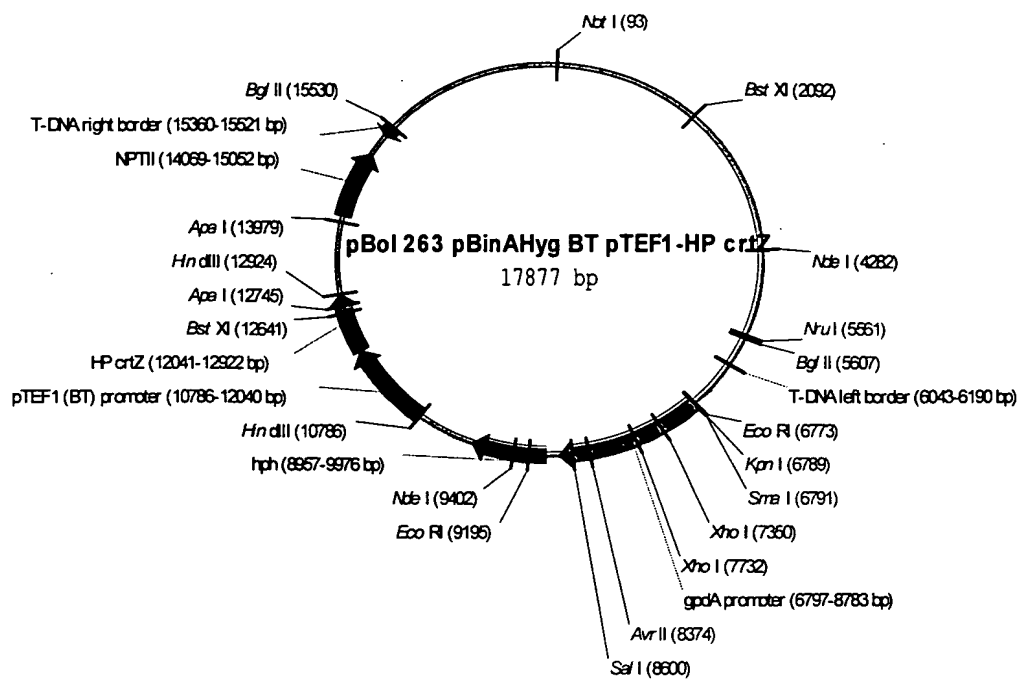


Fig. 6: Plasmid pBinAHyg-BTpcaRA-HPcrtZ

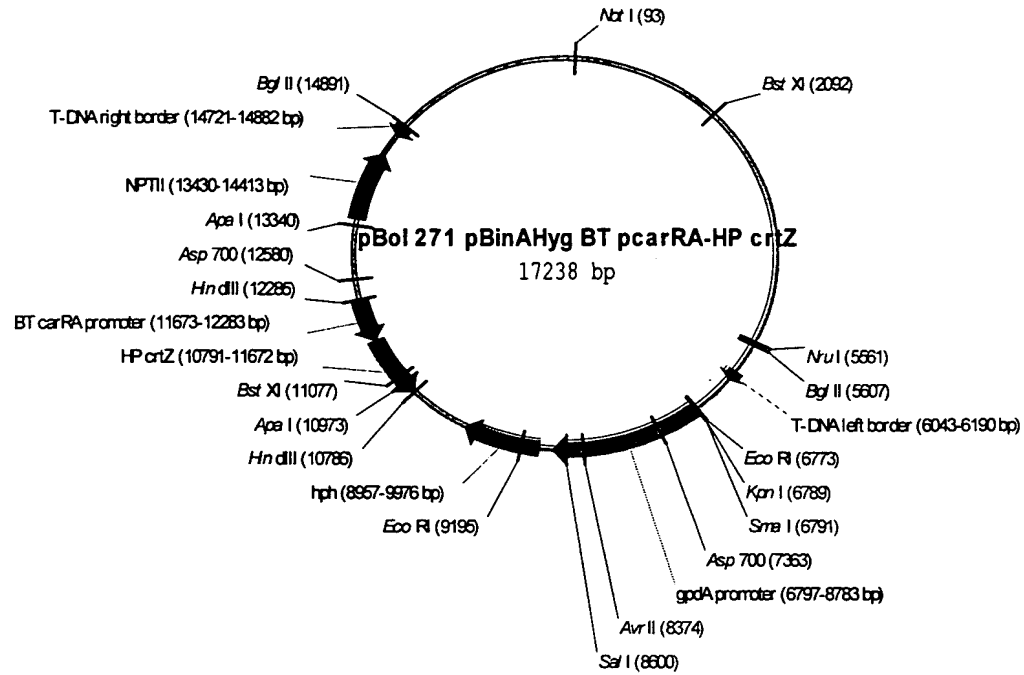


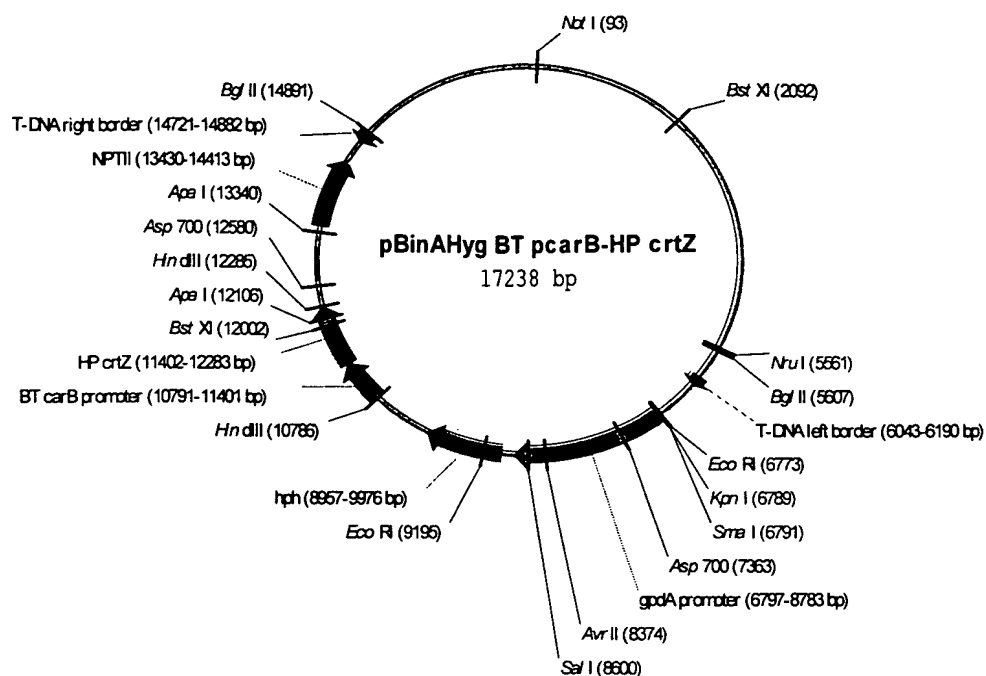
Fig. 7: Plasmid pBinAHygBTpcarB-HPcrtZ

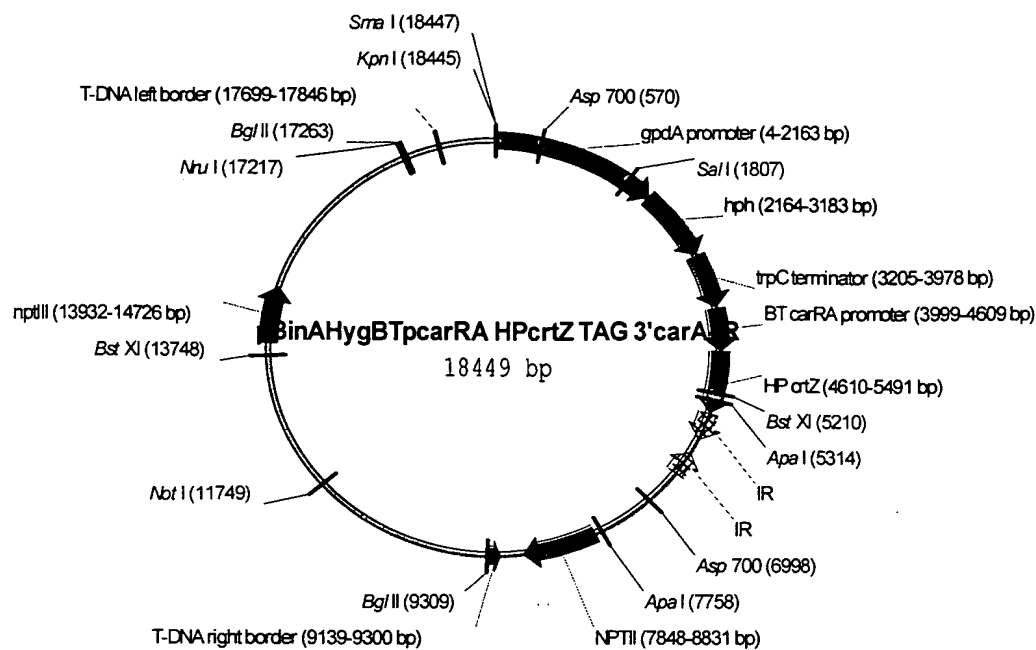
Fig. 8: Plasmid p-carRA-HPcrtZ-TAG-3' carA-IR

Fig. 9: Plasmid p-carRA-HPcrtZ-GCG-3' carA-IR

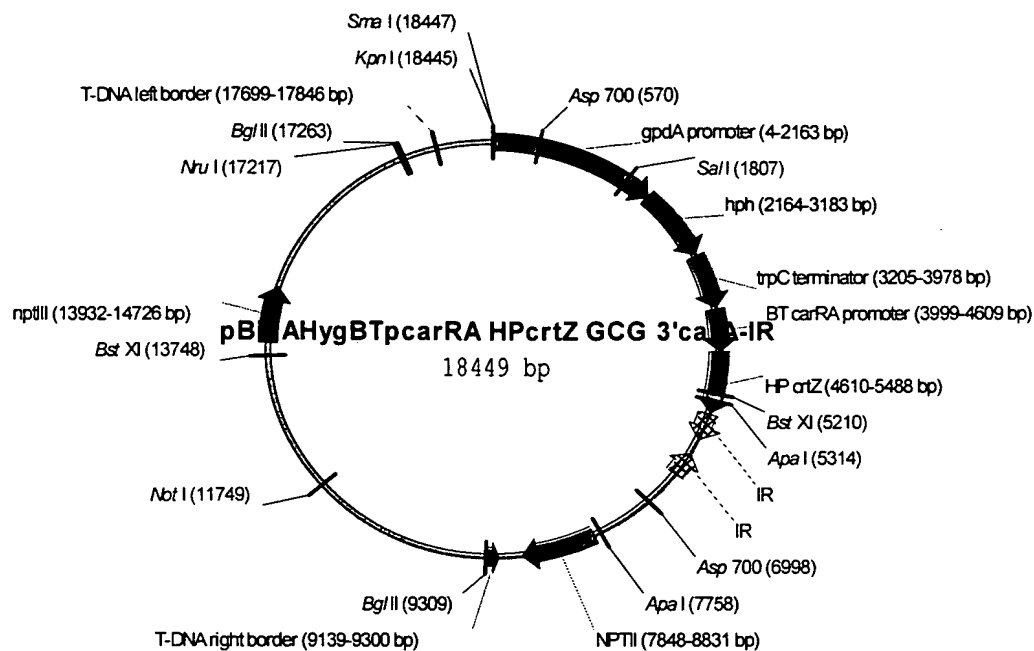


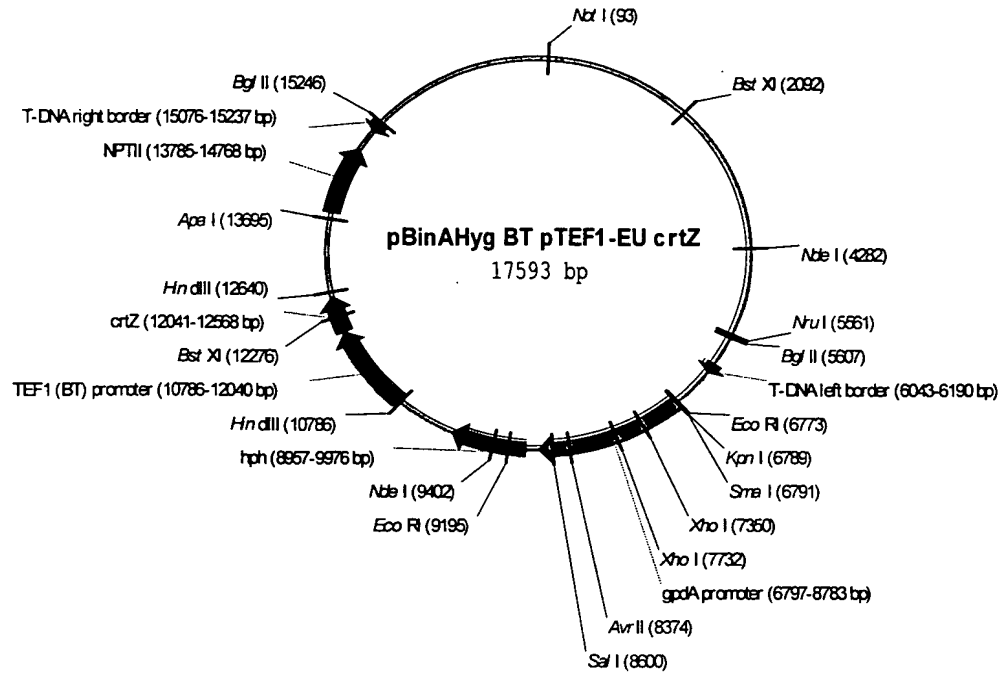
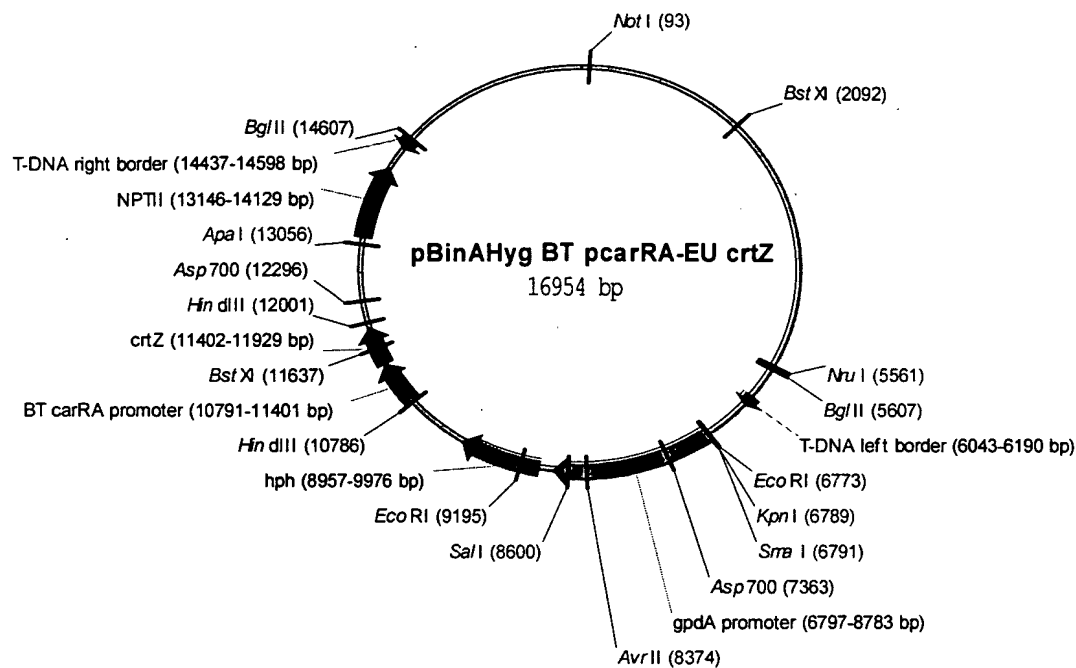
Fig. 10: Plasmid pBinAHygBTpTEF1-EUcrtZ

Fig. 11: Plasmid pBinAHygBTpcarRA-EUcrtZ



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Fig. 12: Plasmid pBinAHygBTpcarB-EUcrtZ

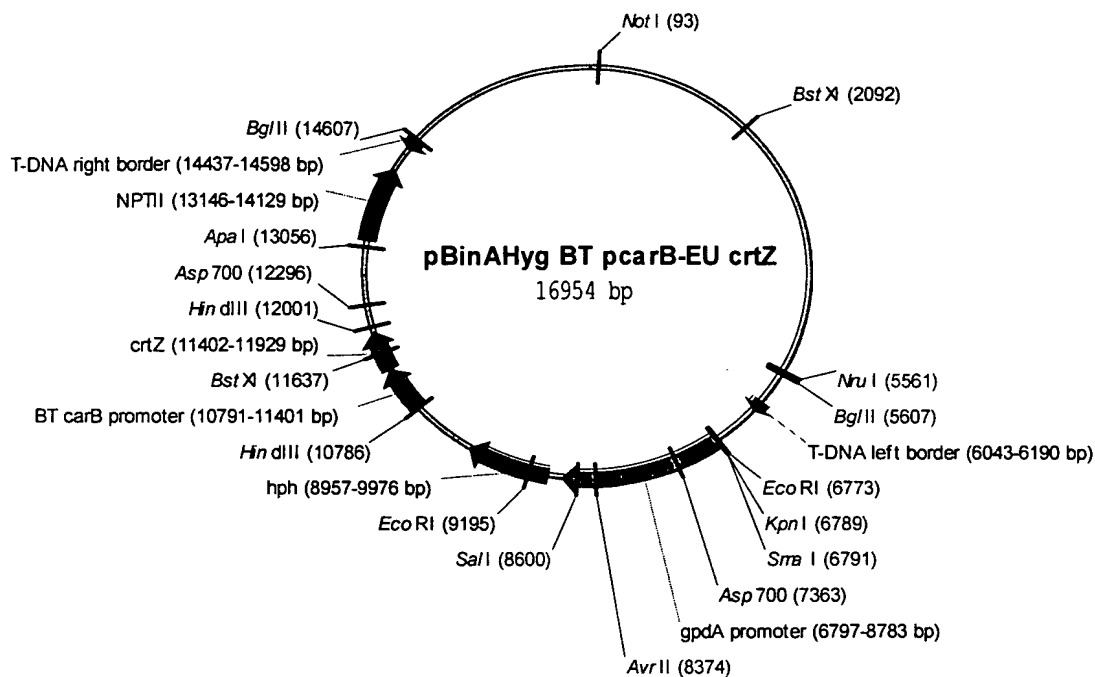


Fig. 13: Plasmid p-BinAHyg-gpdA-HPcrtZ

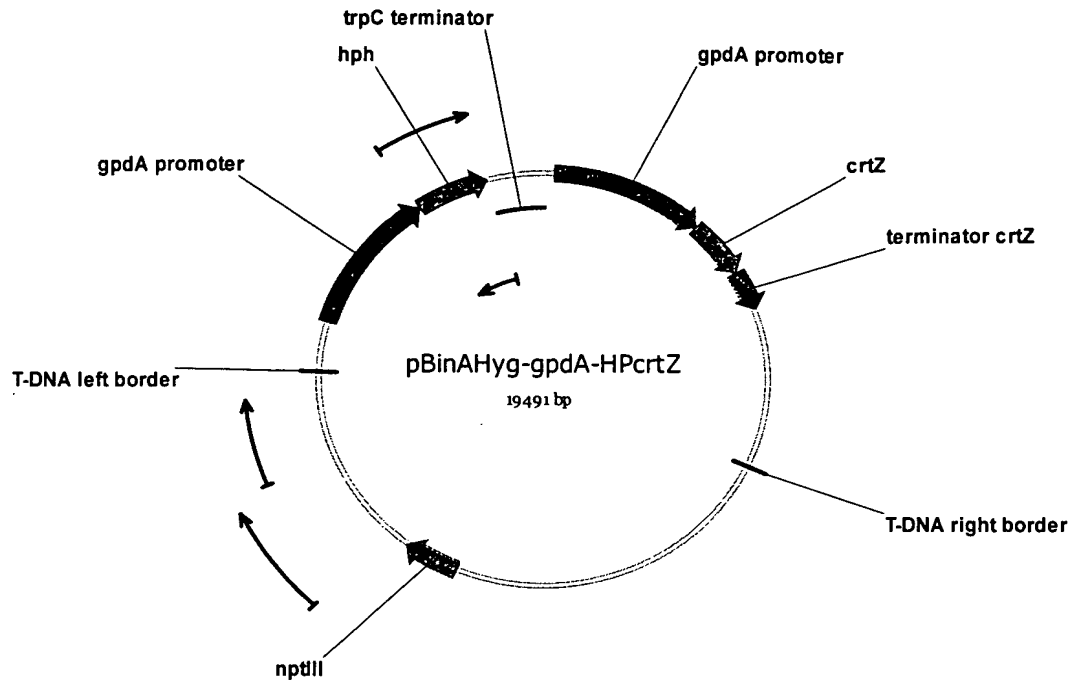


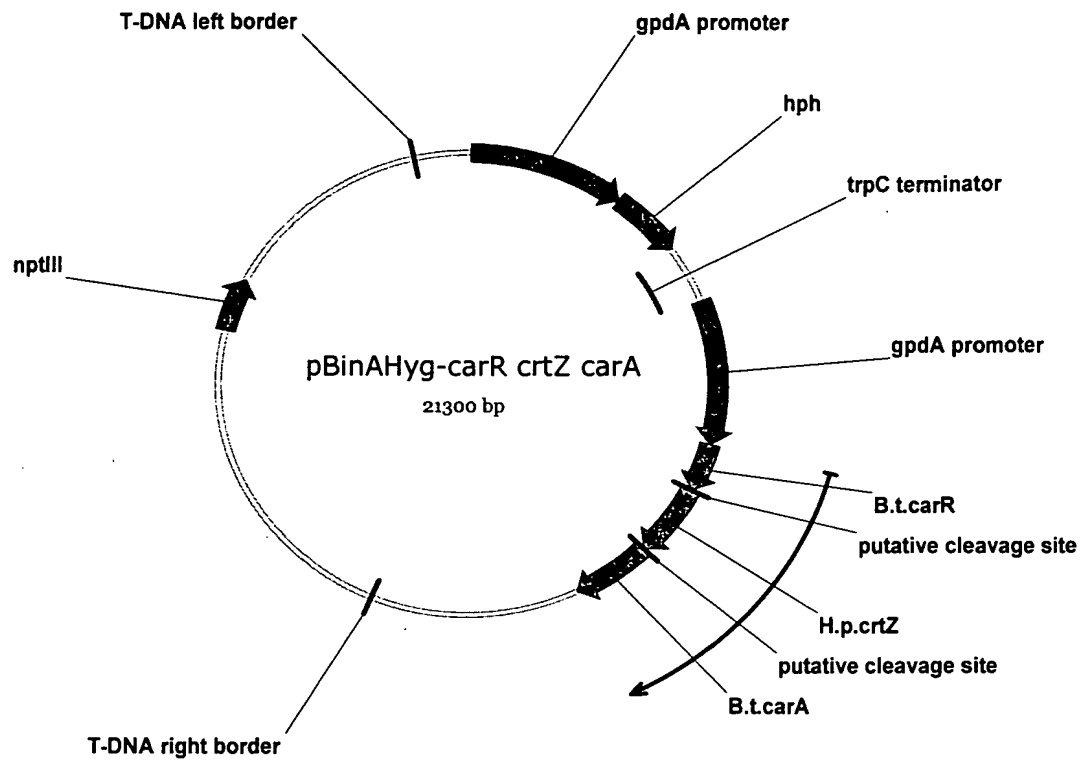
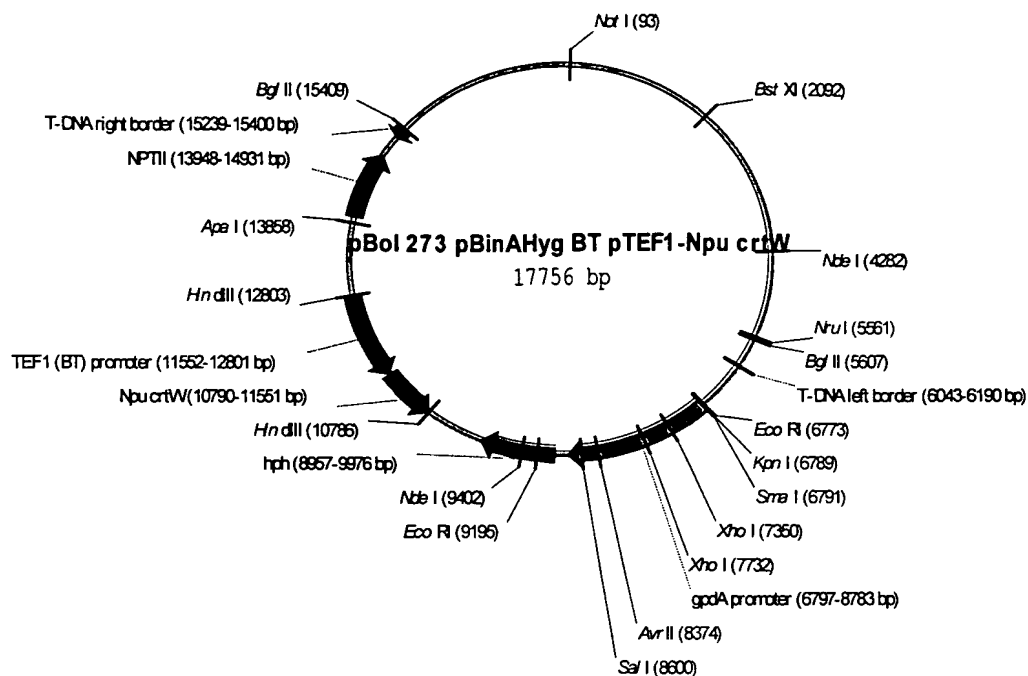
Fig. 14: Plasmid pBinAHyg-carR crtZ carA

Fig. 15: Plasmid pBinAHyg-BTpTEF1-NPcrtW



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Fig. 16: Plasmid pBinAHyg_BTpcarRA_NPcrtW

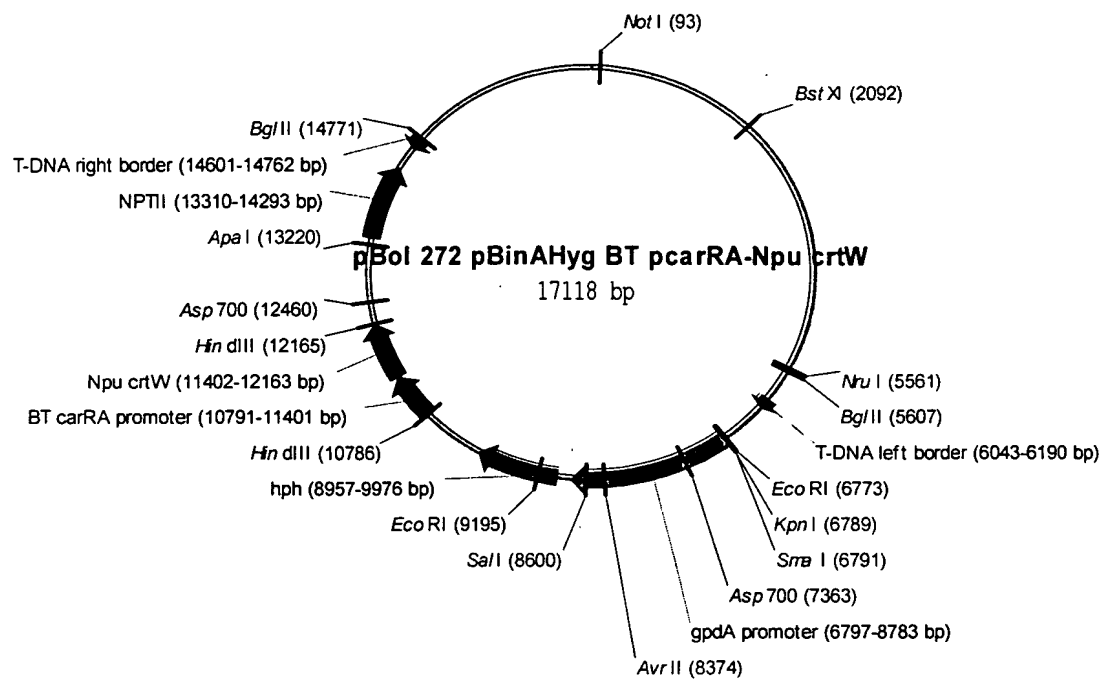


Fig. 17: Plasmid pBinAHyg-BTpcarB-NPcrtW

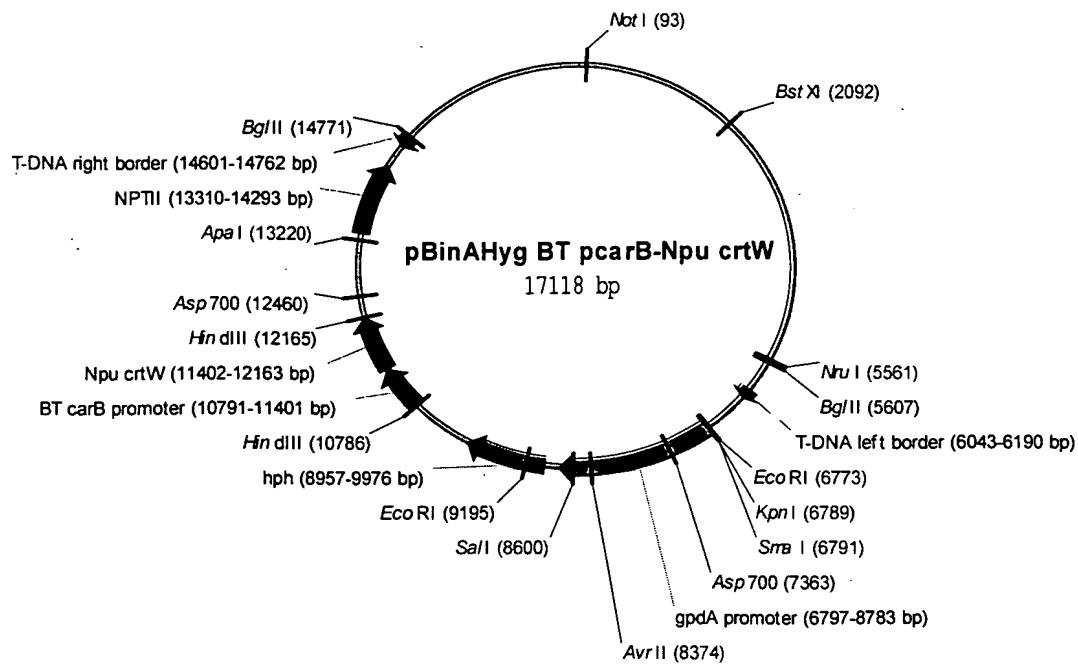


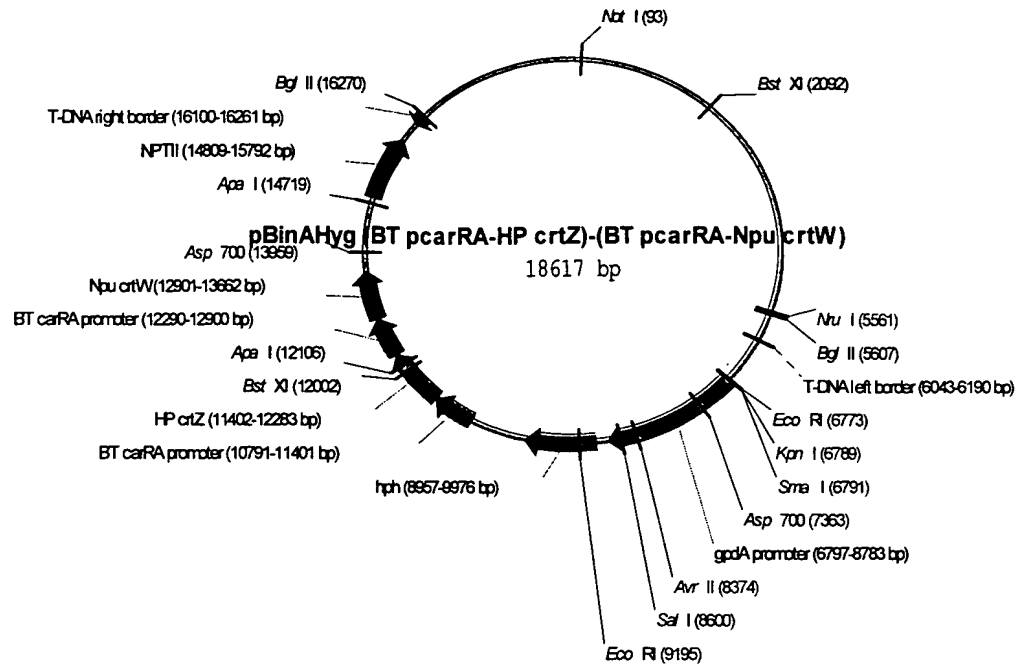
Fig. 18: Plasmid pBinAHygBTpcarRA-HPcrtZ-BTpcarRA-NpucrtW

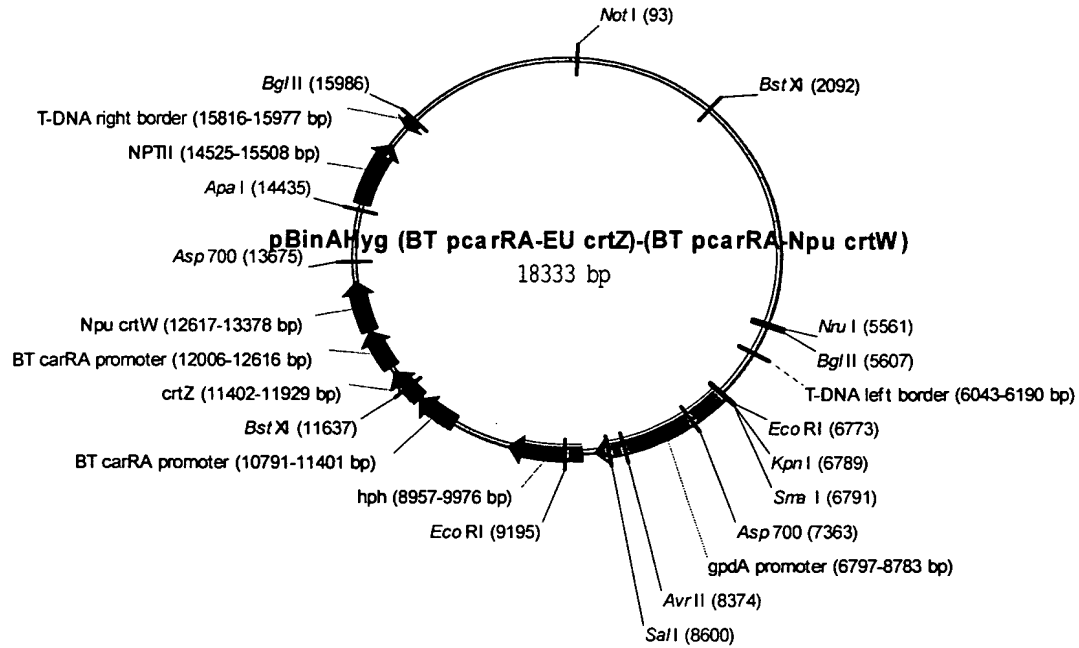
Fig. 19: Plasmid pBinAHygBTpcarRA-EUcrtZ-BTpcarRA-NpucrtW

Fig. 20: carB

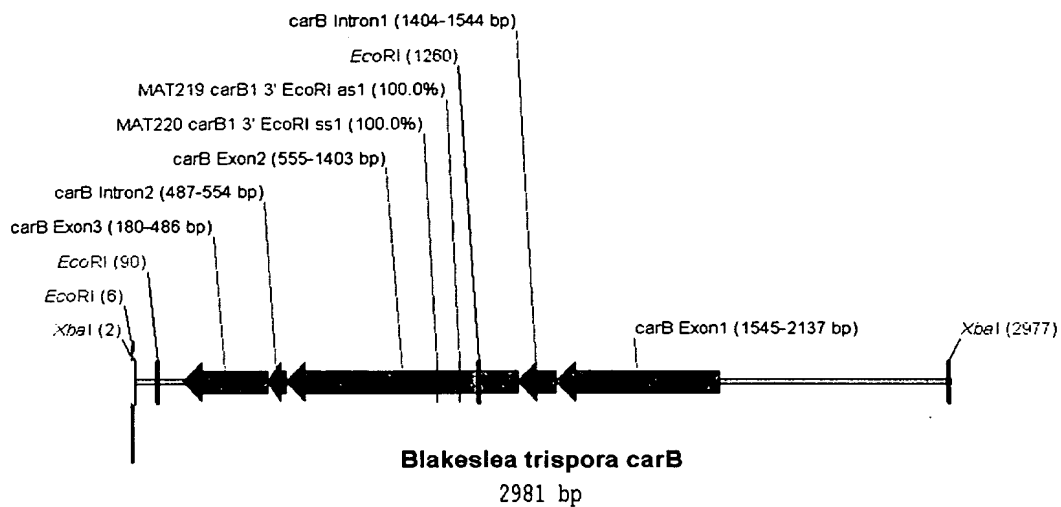
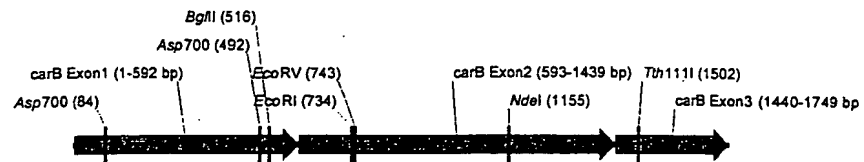


Fig. 21: CDS of carB



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Fig. 22: Vector pBinAHygΔcarB

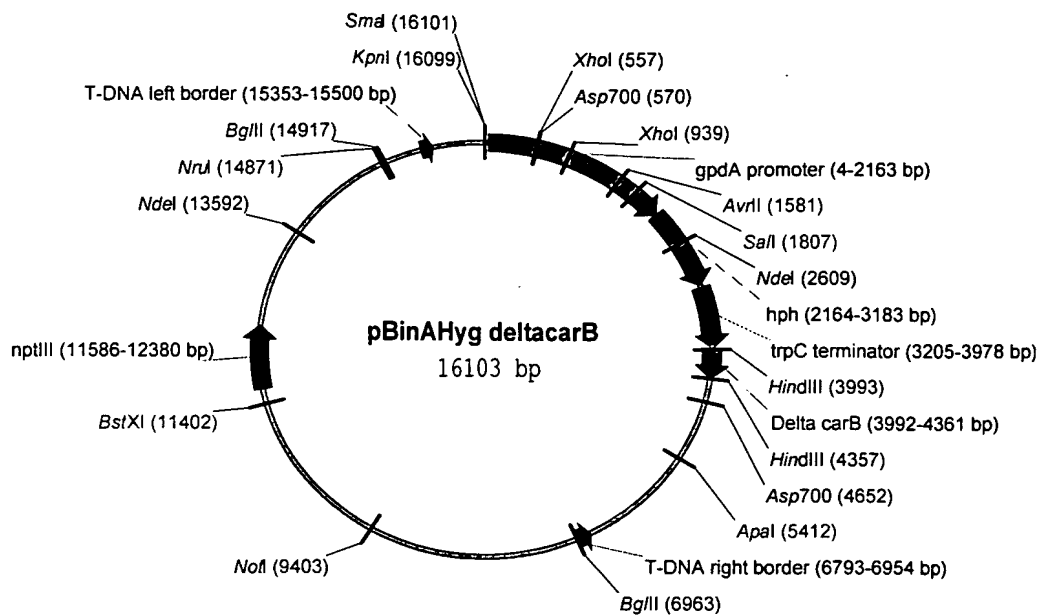


Fig. 23: HPLC Standard

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Method : C:\HPCHEM\2\METHODS\CAROTIN.M
Last changed : 11/12/2003
Carotinoide Nucleosil 100-7 μ C18 250*4,0mm

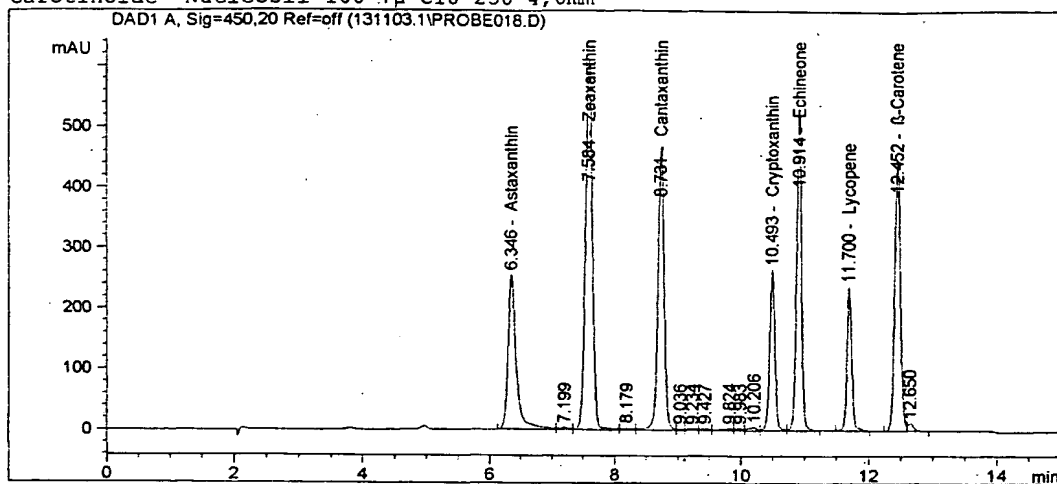


Fig. 24: HPLC

Sequence File : C:\HPCHEM\2\SEQUENCE\CAROTIN.S
Method : C:\HPCHEM\2\METHODS\CAROTIN.M
Last changed : 11/18/2003
Carotinoide Nucleosil 100-7 μ C18 250*4,0mm

